

**Please Direct All Correspondence to Customer Number 20995**

**AMENDMENT / RESPONSE TRANSMITTAL**

Applicant : Francis X. Canning  
 App. No : 10/619,796  
 Filed : July 15, 2003  
 For : SPARSE AND EFFICIENT BLOCK  
 FACTORIZATION FOR  
 INTERACTION DATA  
 Examiner : Herng Der Day  
 Art Unit : 2128

**CERTIFICATE OF EFS WEB  
TRANSMISSION**

I hereby certify that this correspondence, and any other attachment noted on the automated Acknowledgement Receipt, is being transmitted from within the Pacific Time zone to the Commissioner for Patents via the EFS Web server on:

February 19, 2008

(Date)

Lee W. Henderson Ph.D., Reg. No. 41,830

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Amendment in 16 pages.
- (X) Information Disclosure Statement and PTO/SB/08 Equivalent in three (3) total pages (IDS and PTO/SB/08).
- (X) Listing five (5) references.
- (X) Enclosing one (1) reference.

The fee has been calculated as shown below:

The present application qualifies for Small Entity Status under 37 CFR 1.27.

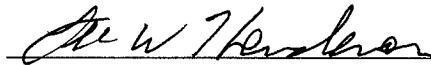
<b>FEE CALCULATION</b>				
<b>FEETYPE</b>		<b>FEECODE</b>	<b>CALCULATION</b>	<b>TOTAL</b>
Excess Claims	38 - 39 = 0	2202 (\$25)	0 x 25 =	\$0
Excess Independent	5 - 6 = 0	2201 (\$105)	0 x 105 =	\$0
Multiple Claim	1.16(j)	2203 (\$185)		\$0
1 Month Extension	1.17(a)(1)	2251 (\$60)		\$60
2 Month Extension	1.17(a)(2)	2252 (\$230)		\$0
3 Month Extension	1.17(a)(3)	2253 (\$525)		\$0
Information Disclosure Statement Fee	1.17(p)	1806 (\$180)		\$180
			<b>TOTAL FEE DUE</b>	\$240

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(X) Calculated Fees will be paid via EFS Web.  
Extension of time is requested by payment of any extension fee.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.



Lee W. Henderson Ph.D.

Registration No. 41,830

Attorney of Record

Customer No. 20,995

(949) 760-0404

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